BRUHATH BANGALORE MAHANAGARA PALIKE ,DASRAHALLI ZONE
Office Of The Executive Engineer, Project Division
SCHEDULE-B

NAME OF THE WORK: Developement of Dhobhightt In Ward No.13

SI No	Description Of Work	Unit	Qty	Rate To Be Quoted	
				In Figures (Rs)	In Words (Rs)
1	2	3	4	5	6
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto1.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.(Page No.-141 I.No-19.1ofKPWD S.R 2016-17)	Cum	1427.46	186.92	One Hundred Eighty Six Rupees And Ninety two Paisa Only
2	KSRB 2-4 Refilling available earth around pipe lines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item KSRB 2.3 Page No. 6/ Item No. 2.11 / PWD SR 2016-17	Sqm	8.31	80.56	Eighty Rupees Fifty Six Paisa Only
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1,4.2 (Page No. 12, It No. 4.2 of KPWD S.R 2016-17)	Cum	135.18	5347.70	Five Thousand Three hundred Forty Seven Rupees and Seventy Paisa Only
4	KSRB 5.2-2: Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	27.00	4438.22	Four Thousand Four Hundred Thirty Eight Rupees And Twenty Two Paisa Only
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete Cum of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 Cum and fine aggregtes @ 0.459Cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and ciils, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Page No. 12, It No. 4.6 of KPWD S.R 2016-17)	Cum	2.25.00	5767.46	Five Thousand Seven hundred Sixty Seven Rupees And Forty Six Paisa Only
6	Providing and laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, labour, curing, transportation,loading, unloading etc.,complete as per the direction of Engineer - In- Charge. (Data Rate enclosed)	Sqm	45.00	4743.00	Four thousand Seven hundred Forty Three Rupees only

Signature Of the Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer,
Dasarahalli Division,

7	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2.(Page No.-15 I.No-4.31 of KPWD S.R 2016-17)	Sqm	2560.40	310.58	Three Hundred Ten Rupees And Fifty Eighty Paisa Only
8	'KSRB 4-6.3 : Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.Specification No. KBS 4.6.2	Sqm	856.20	407.04	Four hundred and Seven Rupees And Four Paisa Only
9	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge. Specification No. KBS 4.6.3(Item no: 4.46.2, Page no: 17 of KPWD S.R 2016-17)	Tonne	33.32	59413	Fifty Nine Thousand Four Hundred Thirteen Rupees Only
10	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mix concrete(RMC) for RCC works laid in 15 cms thick layers and well conpacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exlusive of cost of steel and fabrication charges) Ready mix concrete M-20 for raft foundation, coulmn and footing, main ans secondary beams.(Page No.-18 I.No-4.48 of KPWD S.R 2016-17)	Cum	555.38	6231.74	Six thousand Two hundred Thirty One Rupees And Seventy Four Paisa Only
11	KSRB 15-18.2 : Providing and applying enamel metal paint two Sqm 79.00 coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications	Sqm	1440.00	86.92	Eighty Six Rupees And Ninety Two Paisa Only
12	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR)	Rmt	1.00	1938.46	One Thousand Nine Hundred Thirty Eight Rupees And Forty Six Paisa Only

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Executive Engineer,
Project Division,

13	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (P.NO-47, I.NO-9.1, PRED 12-13 SR)	Mtr	50.00	315.00	Three Hundred Fifteen Rupees Only
			50.00	412.00	Four Hundred Twelve Rupees Only
			50.00	458.35	Four Fifty Eight Rupees And Thirty Five Rupees Only
			50.00	484.10	Four hundred Eighty Four Rupees And Ten Paisa Only
			50.00	560.32	Five hundred Six Rupees Only
			50.00	600.49	Six Hundred Rupees And Forty Nine Paisa Only
14	PVC Pipes 10kg/Sqm 250mm outerdia (PW,P & IWTD B.C-2016-17=P NOXXXII)	Each	15.00	2600.00	Two Thousand Six hundred Rupees only
15	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/!993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)	Mtr	80.00	1364.75	One Thousand Three Sixty Four Rupees Seventy Paisa Only
16	Providing and fixing 175mm dia MS casing collers (PREC AR III- No.86) 12-13	Each	18.00	1133.00	On Thousand One Hundred Thirty Three Rupess only
17	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each	25.00	150.00	One Hundred Fifty Rupees only
18	supply of 175mm M.S collars each (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	50.00	150.00	One Hundred Fifty Rupees only
19	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000. HP 25 stage (PW,P & IWTD B.C-2016-17= P NO.XXXXI)	Nos	1.00	70685.00	Seventy Thousand Six Hundred Eighty Five Rupees Only

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KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer,
Project Division,

20	Supplying and fixing ISI marked Galvanized nild steel tube (conteneously welded) electrical restistance welded (ERW) Hi freezuency inclucation whelded hot finished we with latest amendments, pipes threded at both aend the other end procte with HD colled as per specification in random lengths 4 to 7 confirming to IS 1239/ part 1990 with amendment 1-5 and with all its latest amendments if any: the pipe supplied ahould be with BIS mark Galvaized iron pipes : ISI 239 (part-1) 1990 50 mm dia "C" Class (Heavy Duty coller) (PRED Bangalore = Circle SE Approved rate dated:26.07.2010)(PAge No.III / Item No.78)	Rmt	300.00	210.00	Two Hundred ten Rupees Only
21	Supplying and fixing 50mm dia GI collar Heavy duty (PRED SE Approved rates 12-133 PG NO.III/78	Rmt	46.00	210.00	Two Hundred ten Rupees Only
22	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts as per 1x3x4 Sqmm of 56 strands 0.3mm dia group-A (BWSSB 5358/300 (a)	Mtr	660.00	159.50	One hundred Fifty Nine Rupees And Fifty Paisa Only
23	Supply and fixing 50mm doa GI union with ISI mark (PWP & IWTD B.C 2016-17=P.NoXXXVII)	Mtr	1.00	223.70	Two twenty Three Rupees And Seventy Paisa Only
24	Supply and fixing 50mm doa GI Nipple with ISI mark (PWP & IWTD B.C 2016-17=P.NoXXXVII)	Mtr	2.00	104.30	One Hundred Four Rupees And Thirty Paisa Only
25	KSRB-13-7.2-1 : Providing and fixing in position 50mm nominal bore gun metal non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (PWP & IWTD B.C 2016-17=P.No.XXIV SL NO.658 code No.0125)	Mtr	1.00	1145.00	One Thousand One Hundred Forty Five Rupees Only
26.	Supply and fixing 50mm doa GI Elbow with ISI mark (PWP & IWTD B.C 2016-17=P.NoXXXVII)	Mtr	2.00	122.00	One Hundred Twenty Two Rupees Only
27	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-Cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr Cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter(PRED Bangalore circle SE approved rate dated 2016-17)	Mtr	1.00	22000.00	Twenty Two Thousand Rupees Only

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EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer,
Project Division,

28	Erection of pump including aligning and balancing with all necessary erection material and labour including supply and fitting of two pairs of supporting clamps with necessary bolts and washers. one borewell cap cable clips and watertight gland cable protecters. bolts and nuts valves and gauges etc.. involved in the job (Approved rates)	Nos	1.00	22000.00	Twenty Two Thousand Rupees Only
29	Erection ofsupply and fixing of control panel board. In Door type unit IS 5124 10HP to 20HP (PWP & IWTD, SR of 2015)-16, P NO.121/No.12)	Nos	1.00	8300.00	Eight Thousand Three Hundred Rupees Only
30	Supplying of TPST with rewireable procelain channels in SM incloser 32 amps (I / No 6.5.1 P No.44)	Nos	1.00	1868.00	One Thousand Eight Hundred Sixty Eight Rupees Only
31	Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides made out of non more than 2 pieces and fixing the same to wall using taperd inverted wooden plugs, srews etc.. (20X20X2.5) (Page-14-15 Page No.44 I nO.6.6.6 Electrical SR)	Nos	1.00	302.00	Three hundred and two Rupess Only
32	Supplying and fixing LED type panle board indicating lamp with required colour suitable for 220A A.C.50 Hz 12/24v.D.C.S(Electrical SR) 2016-17 P No.N040/ I No.34 (a	Nos	1.00	430.00	Four Hundred And Thirty Rupees only
33	supplying and fixing and wiring heavy duty low voltage capacitos conforming to IS 2834.3 phase 400/440 volts grade. For power factor improvement of rotating machinary cost per KVAR (b) group B (page-56, itNo; 6.34 Electrical SR) up to 5KVAR (Page No.44 I No.6.41)	Nos	1.00	138.00	One hundred And Thirty Eight Rupees Only
34	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and wiring complete as required 5 to 32 Amps (Page -447, it: 6.16.1 Electrical SR-2014-15)	Nos	1.00	418.00	Four Hundred And Eighteen Rupees only
35	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 12mm dia (P.NO - 55 I.NO - 7.1)	Nos	1.00	2727.00	Two Thousand Seven Hundred Twenty Seven Rupees Only
36	Supplying and fixing of A class (medium duty) GI Pipe of wall thickness not less than 3.25 mm on pole / wall . Drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia (Page No.62 Item No.7.12.1)	Nos	1.00	345.00	Three Hundred And Forty FiveRupees Only
37	Supplying LTUG cables having aluminium conductor PVC insulated sheathed galvanised steel wire /steel type armound cables with PVC outer sheating 1.1 KV class B PVC Cable 4 core 16Sqmm (Page-55, iNo:7.4.4 Electrical SR-2014-15)	Rmt	15.00	140.40	One Hundred Forty Rupees And Forty Paisa only

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EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer,
Project Division.

38	Digging of trench of 60x50 wide refiiling the trench to the required ground level and consolidated wtc. Complete in ordinary soil (Page-61-62, it Electrical SR)	Rmt	10.00	106.00	One Hundred Six Rupees Only
39	Labour charges for laying 1.1KV class UG cable when supplying departmentally /Agency in excisting trench GI pipe / stone ware pipe /on wall /on pole as reqired (a) 6Sqmm to 16Sqmm (page-61, it: 7.8.1 No 7.9.2)	Rmt	10.00	10.80	Ten Rupees And Eighty Paisa Only
40	Supplying and fixing LT Cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitimen / insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 core 16 Sqmm (Ele SR of 2014-15, Page No.62/7.13.2)	Rmt	2.00	280.00	Two hundred Eighty Rupees Only
41	Supplying of porcelain fuse channel with cutout 32 ampers (PRED SR 2016-17 P.No.32 I No.3-b)	Nos	2.00	180.00	One Hundred Eighty Rupees Only
42	Bescom Charges (Page No.45 Item No.6.7.2)	Nos	1.00	15000.00	Fifteen Thousand Rupees Only
43	Earthwork excavation for pipe line trenches including depositing on bank upto a lead of 50 mtrs including shorting and strutting, danger lighting and using sight rails and bonding roads at every 100 mtrs wherever necessary as directeding the following starta manual means (PRES SR 2011-12 P No.1/1.2.1)	Cum	641.00	135.00	One hundred Thirty Five Rupees Only
			641.00	188.00	One Hundred Eighty Eight Rupees Only
44	Providing and installaing at site od work PVC Pipes including cost of pipes and specials and labour including lowering into trenches laying true to line, level and prefect linking at hoints, leak proof including jointing of approved type with all laour encasing the pipe alround to a depthnot less than 15cms with grave of selected earth available from the excavation etc., complete (PRED SR 2012-13 p.No.15 / I No.3.4.2 & b)	Mtr	200.00	104.00	One Hundred and Four Rupees Only
			400.00	122.00	One Hundred Twenty Two Rupees Only
45	Gate valve 50mm nominal type PWD SR of 2014-15 Page NO.XXIV/ No.673	Nos	8.00	1600.00	One thousand Six Hundred Rupees Only
46	Gate valve 65mm nominal type PWD SR of 2014-15 Page NO.XXIV/ No.674	Nos	8.00	2050.00	Two thousand Fifty Rupees Only
47	Gunmetal non retturnnvalve 50 mm nominal bore vartical type PWD SR Page No.XXIV-I No.658	Nos	5.00	1202.00	One Hundred And Two Rupees Only
48	KSRB 2-4 Refilling the basement and pipe lines, trenches with selected avilable earth form trench excabation including watering, Consolidation in layers of 15 cms thick including disposing of the surplus earth with a lead of 200 mtr (PRED SR 2011-12 P NO.3.1 No.1.6)	Cum	1282.00	61.00	Sixty one Rupees Only

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EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer,
Project Division,

38	Digging of trench of 60x50 wide refiiling the trench to the required ground level and consolidated wtc. Complete in ordinary soil (Page-61-62, it Electrical SR)	Rmt	10.00	106.00	One Hundred Six Rupees Only
39	Labour charges for laying 1.1KV class UG cable when supplying departmentally /Agency in excisting trench GI pipe / stone ware pipe /on wall /on pole as reqired (a) 6Sqmm to 16Sqmm (page-61, it: 7.8.1 No 7.9.2)	Rmt	10.00	10.80	Ten Rupees And Eighty Paisa Only
40	Supplying and fixing LT Cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitimen / insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 core 16 Sqmm (Ele SR of 2014-15, Page No.62/7.13.2)	Rmt	2.00	280.00	Two hundred Eighty Rupees Only
41	Supplying of porcelain fuse channel with cutout 32 ampers (PRED SR 2016-17 P.No.32 I No.3-b)	Nos	2.00	180.00	One Hundred Eighty Rupees Only
42	Bescom Charges (Page No.45 Item No.6.7.2)	Nos	1.00	15000.00	Fifteen Thousand Rupees Only
43	Earthwork excavation for pipe line trenches including depositing on bank upto a lead of 50 mtrs including shorting and strutting, danger lighting and using sight rails and bonding roads at every 100 mtrs wherever necessary as directeding the following starta manual means (PRES SR 2011-12 P No.1/1.2.1)	Cum	641.00	135.00	One hundred Thirty Five Rupees Only
			641.00	188.00	One Hundred Eighty Eight Rupees Only
44	Providing and installaing at site od work PVC Pipes including cost of pipes and specials and labour including lowering into trenches laying true to line, level and prefect linking at hoints, leak proof including jointing of approved type with all laour encasing the pipe alround to a depthnot less than 15cms with grave of selected earth available from the excavation etc., complete (PRED SR 2012-13 p.No.15 / I No.3.4.2 & b)	Mtr	200.00	104.00	One Hundred and Four Rupees Only
			400.00	122.00	One Hundred Twenty Two Rupees Only
45	Gate valve 50mm nominal type PWD SR of 2014-15 Page NO.XXIV/ No.673	Nos	8.00	1600.00	One thousand Six Hundred Rupees Only
46	Gate valve 65mm nominal type PWD SR of 2014-15 Page NO.XXIV/ No.674	Nos	8.00	2050.00	Two thousand Fifty Rupees Only
47	Gunmetal non retturnnvalve 50 mm nominal bore vartical type PWD SR Page No.XXIV-I No.658	Nos	5.00	1202.00	One Hundred And Two Rupees Only
48	KSRB 2-4 Refilling the basement and pipe lines, trenches with selected avilable earth form trench excabation including watering, Consolidation in layers of 15 cms thick including disposing of the surplus earth with a lead of 200 mtr (PRED SR 2011-12 P NO.3.1 No.1.6)	Cum	1282.00	61.00	Sixty one Rupees Only

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EXECUTIVE ENGINEER-4
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